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(54) **FOOTBALL SENSING**(71) Applicant: **WILSON SPORTING GOODS CO.,**
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See application file for complete search history.

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Todd A. Rathe(57) **ABSTRACT**

A football sensing system including an American-style football extending along a longitudinal axis and having a maximum transverse dimension defining a transverse axis and at least one accelerometer carried by the football to sense acceleration of the football along at least a first axis. The accelerometer is sized to sense a predetermined maximum value of acceleration in the first axis. The accelerometer is positioned within the football in a first position with the first axis of the accelerometer angled with respect to the longitudinal axis of the football. The accelerometer in the first position is capable of measuring acceleration values in a direction in line with or parallel to the longitudinal axis of the football that are greater than the predetermined maximum value of acceleration in the first axis.

14 Claims, 73 Drawing Sheets